

# COMROD APX27/SIN

## VHF Manpack Whip Antenna



### Application:

The APX27 is a folding whip in 9 sections for portable VHF radio sets. The antenna utilizes a new technology with copper coated epoxy fiberglass element that gives very good mechanical and electrical properties.

This version of the antenna is designed to be used together with the SINCGARS radio. The antenna includes a broad band matching network. Other versions available on request.

### Electrical specifications:

Frequency range	30-108 MHz
Impedance	50 Ohm, VSWR < 3.5
Power rating	5 W
Loss due to carbon fiber	<1dB

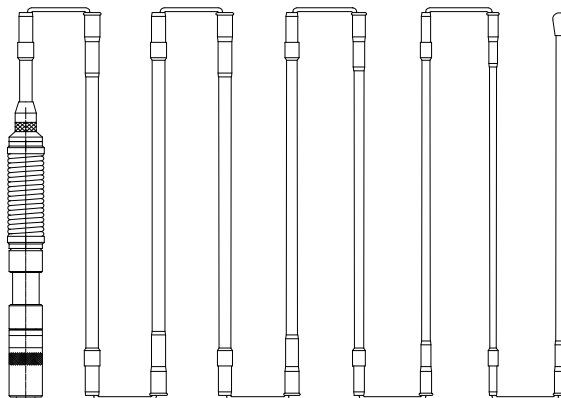
### Mechanical specifications:

Design	Carbon fiber elements, with brass plated ferrules. Rubber cord is propenoxide.
Length	2.65 m (8.7 feet)
Weight	0.5 kg
Finish	Polyurethane lacquer, olive
Temperature range	-55 °C, +71 °C; -67 °F, +160 °F

The antenna is available with different lengths and number of sections. It can also be delivered complete with gooseneck.

### Connectors:

SINCGARS connector for VHF. Other versions according to customer specifications.



Nato codification complete antenna

5985-25-151-3443